

## **ABSTRACT**

A processing agent is used in a system that transfers data of a predetermined data line length during external transactions. The agent may include an internal cache having a plurality of cache entries. Each cache entry may store multiple data line lengths of data.

- 5 The agent further may include a transaction queue system having queue entries that include a primary entry including an address portion and status portion, the status portion provided for a first external transaction of the agent, and a secondary entry including a status portion provided for a second external transaction.

[illegible]

28. The method of claim 23, wherein "data line" corresponds to the maximum amount of data that can be transferred in a single bus transaction.

29. The processing agent of claim 24, wherein "data line" corresponds to the maximum amount of data that can be transferred in a single bus transaction.